

WHAT IS CLAIMED IS:

1. A cathode-ray tube apparatus comprising:

an electron gun assembly having a plurality of
electrodes constituting an electron beam generating
5 section for generating electron beams and a main lens
section for focusing the electron beams, which have
been generated from the electron beam generating
section, onto a phosphor screen;

a deflection yoke for generating deflection
10 magnetic fields for deflecting the electron beams
emitted from the electron gun assembly in a horizontal
direction and a vertical direction of the phosphor
screen, and causing the electron beams to scan the
phosphor screen in the horizontal and vertical
15 directions; and

velocity modulation coils for modulating scan
velocities of the electron beams,

wherein at least one of the electrodes of the
electron gun assembly is constructed by coupling at
20 least first and second electrode members arranged in a
direction of passing of the electron beams, and

the first electrode member has a projecting
portion on an end face thereof, which is to be coupled
to the second electrode member disposed adjacent to the
25 first electrode member.

2. A cathode-ray tube apparatus according to
claim 1, wherein said projecting portion is formed in a

region other than a region where a magnetic field generated from the velocity modulation coils acts on the electron beams.

3. A cathode-ray tube apparatus according to
5 claim 1, wherein the first electrode member has electron beam passage holes for passing of the electron beams, and the projecting portion is formed such that when a maximum diametrical dimension of each electron beam passage hole in a horizontal direction including a
10 center axis of the electron beam passage hole is set at 100%, the projecting portion is formed in a region other than a region corresponding to 50% of the maximum diametrical dimension, with the center of this 50% dimension being set at the center axis of the electron
15 beam passage hole.

4. A cathode-ray tube apparatus according to claim 1, wherein the second electrode member has a projecting portion on an end face thereof, which is to be coupled to the first electrode member, such that the
20 projecting portion of the second electrode member corresponds to the projecting portion of the first electrode member.

5. A cathode-ray tube apparatus according to claim 1, wherein the electrode constructed by coupling
25 said at least first and second electrode members is the electrode constituting said main lens section.